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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/682,231 | 08/08/2001 | Ruth E. Rosenholtz | 110268 | 9878 |
| 27074 | 7590 | 07/13/2005 | EXAMINER | |
| OLIFF & BERRIDGE, PLC. P.O. BOX 19928 ALEXANDRIA, VA 22320 | | | TRAN, QUOC A | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2176 | |

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/682,231

Applicant(s)

ROSENHOLTZ ET AL.

Examiner

Quoc A. Tran

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to RCE filed 05/12/2005 and Amendment filed 04/12/2005.
2. Claims 1-8 are currently pending in this application. Claim 1 and 6 are independent claims.

Continued Examination Under 37 CFR 1.114

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/12/2005 and 04/12/2005 have been entered.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.
5. **Independent Claims 1-6** are rejected under 35 U.S.C. 103(a) as being unpatentable over Reichek et al US005960448A - filed 12/15/1995 (hereinafter Reichek), in view of Allam et al. US 20020116420A1 - filed 12/15/2000 (hereinafter Allam).

In regard to independent claim 1, displaying the thumbnail corresponding to an original document and including an enhancement in appearance (as taught by Reichek at

col. 4, lines 25-40), **receiving a request to display the original document** (as taught by Reichek at col. 4, lines 25-30),

Reichek does not explicitly teach, **displaying a first version of the original document, at least a portion of the first version being more similar in visual appearance to a corresponding portion of the thumbnail than to a corresponding portion of the original document based on comparison of the at least a portion of the first version to the corresponding portion of the original document and the corresponding portion of the thumbnail**, however Allam at page 4 paragraph [0053] though page 5 paragraph [0056], disclose a method of displaying and viewing electronic information using a computerized interface such as EIW (Enhance Interface Window), wherein FIG 10 through FIG 12 show the Enhance Interface Window for displaying and viewing electronic information , wherein (a) displaying in a first window representations of physical pages, (b) extracting information from the electronic page view, and (c) presenting the extracted information in a second window. For example FIG. 10 shows an electronic document with markup annotations 124, 196, 198, particularly the markup annotation 124 is defined by coordinate parameters and bounds textual information relating to "Northern Virginia Electronic Cooperative." Three boxes have been drawn around three paragraphs on the electronic page view 130. The information manager extracts the information shown in the bounded boxes and displays it in the left display area 126 of the screen. The above steps read in the broadest reasonable interpretation as claimed, wherein in FIG. 10 shows an electronic document, which is reasonably equivalent to displaying a first version of the original document as claimed. It is appreciated by a person of ordinary skill in the art that thumbnail is a graphical object that is associated with a particular document or image

Art Unit: 2176

file, when selecting a thumbnail causes the associated document to open, in this case Markup annotation 124 is defined by coordinate parameters and bounds textual information relating to "Northern Virginia Electronic Cooperative." Using the EIW, which is reasonable equivalent to a portion of the first version being more similar in visual appearance to a corresponding portion of the thumbnail than to a corresponding portion of the original document based on comparison of the at least a portion of the first version to the corresponding portion of the original document and the corresponding portion of the thumbnail as claimed.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Reichek, wherein a user can efficiently create a persuasive and effective presentation of original document information, to include a means of displaying and viewing electronic information using a computerized interface such as EIW (Enhance Interface Window) of Allam. One of the ordinary skills in the art would have been motivated to perform such a modification to provide an improved displaying and viewing systems and methods, particularly for electronic documents that present a large amount of electronic information (as taught by Allam page 1 paragraph [0010]).

In regard to independent claim 6 incorporate substantially similar subject matter as cited in claim 1 above, and is similarly rejected along the same rationale.

6. **Dependent Claims 2-5 and 7-8** are rejected under 35 U.S.C. 103(a) as being unpatentable over Reichek et al US005960448A - filed 12/15/1995 (hereinafter Reichek), in view of Allam et al. US 20020116420A1 - filed 12/15/2000 (hereinafter Allam).

In regard to dependent claims 2-4 and 7-8 incorporate substantially similar subject matter as cited in claim 1 above, and are similarly rejected along the same rationale.

In regard to dependent claim 5, is directed to a storage medium for performing the method of claim 1, and is similarly rejected along the same rationale.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-4103. The examiner can normally be reached on Monday through Friday from 11AM to 7PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R. Heather can be reached on (571) -272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quoc A, Tran
Patent Examiner
Technology Center 2176

July 09, 2005

William L. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER
7/10/2005